					ONDA	1. CONTRACT		PAGE OF	PAGES
AMENDI	MENT OF SOLICITATION	V/MODIFICATION OF C	ONTRA	ACT		12	OODL	1	4
	ENT/MODIFICATION NO. 28	3. EFFECTIVE DATE DEC 2 0		4. REQUISITION/PUR	CHASE RE	Q. NO.	5. PRO	JECT NO. (Ifap)	plicable)
6. ISSUED E		PS22-K		7. ADMINISTERED BY		an Item 6)		CODE	PS22-K
Georg Nation	rement Office ge C. Marshall Space Flig nal Aeronautics and Spac nall Space Flight Center, A	ht Center e Administration		MSFC Adm: 256-544-649 Marianne.car	6 npbell@	msfc.nasa.	gov	_	
8. NAME AN	ID ADDRESS OF CONTRACTOR	No., street, county, State, and Zip of	Code)		(x)	9A. AMENI	DMENT O	F SOLICITATIO	N NO.
Herna 16055	andez Engineering, Inc. 5 Space Center Boulevard on TX 77062				x	9B. DATED 10A. MODI CONTRACT NASC 10B. DATE	FICATION T/ORDER 8-00179	NO.	
CODE	FAC	CILITY CODE 2Y303				10/01	1/00		
	11., THI	S ITEM ONLY APPLIES	TO AM	MENDMENTS OF	SOLIC	ITATIONS			
Offers must a	ove numbered solicitation is amend acknowledge receipt of this amendm eting Items 8 and 15, and returning	ent prior to the hour and date spec	ified in the	solicitation or as amend	led, by one	t on each copy o	nethods:	ot extended. submitted; or (c	:) By
DESIGNATE you desire to amendment,	er or telegram which includes a refer D FOR THE RECEIPT OF OFFERS change an offer already submitted, and is received prior to the opening VTING AND APPROPRIATION DAT	S PRIOR TO THE HOUR AND DAT such change may be made by tele hour and date specified.	TE SPECIF	TED MAY RESULT IN F	REJECTION	OF YOUR OFF	ER. If by	virtue of this am	endment
N/A	TING AND AFFRORMATION DA	A (II required)	. 7	1 1 4 6 9					
	13. THIS ITE IT MODI	M APPLIES ONLY TO FIES THE CONTRACT/	MODIFI ORDER	CATIONS OF C	ONTRA	CTS/ORDE N ITEM 14.	RS,		
(x)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.								
Х	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b) AND THE AUTHORITY OF FAR 43.103(B) AND THE CONTRACTOR'S LETTER DATED DECEMBER 11, 2002						oropriation OTOR'S		
	C. THIS SUPPLEMENTAL AGRE	EMENT IS ENTERED INTO PUR	SUANT TO	AUTHORITY OF:					
	D. OTHER (Specify type of modif								
E. IMPOR	TANT: Contractor ⊠is not, □	is required to sign this docum	nent and r	eturncopie	s to the is	suing office.			
			arned	Earned					
	Negotiated		ic Eval.			Contra		Total Su	
	Est. Cost	Award Fee I	<u>Fee</u>	Eval. Fee		<u>Value</u>		Alloted	<u> </u>
Previous	\$22,147,557.00	\$956,187.00 \$15	9,715.0	\$228,960.0	0	\$23,492,4	19.00	\$16,934,20	60.00
This Mod			4,761.0	9280,979.0	0	(\$65,55	2.00)		\$0.00
New Tota			4,476.0			\$23,426,8		\$16,934,26	
Event as pro	ovided herein, all terms and condition	ns of the document referenced in Its	em 94 or 1	ΩΔ as heretofore chang	and remain	e unchanged and	in full for	ce and effect	
15A. NAME	AND TITLE OF SIGNER (Type or p	rint) :	16A.	NAME AND TITLE OF Marianne Campb Contracting Offic	CONTRAC ell er			rint)	
	RACTOR/OFFEROR	15C. DATE SIGNED		MAR	GINAL JANNI	SIGHED		DEC 2	
(Signa NSN 7540-01	ature of person authorized to sign)			(Signature of 30-105	Contracting) Uπicer)		STANDARD F	ORM
	EDITION UNUSABLE	·						30 (Rev. 10-83	

STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243

This modification is issued pursuant to Clause B.2 <u>CONTRACT COST AND FEES</u>, the contractor's acceptance letter dated November 25, 2002, the Fee Determination Officers Award Fee Findings and Determinations dated December 5, 2002, the contractor's self-evaluation report dated October 11, 2002, and the "Limitation of Funds" clause. This modification also corrects an administrative error to clause B.2 paragraph (c) (marked with an asterisk and in **BOLD TYPE**) on Modification 20. The foregoing action is further implemented by the inclusion of the following changes marked in **BOLD**.

1. Clause B.2 CONTRACT COST AND FEES, paragraph (b) and (c) are hereby deleted in their entirety and the following is substituted in lieu thereof:

B.2 CONTRACT COST AND FEES

"(b) A summary of the estimated cost and fees for the performance of work under this contract is as follows:

	Previous Amount Adjusted	this Mod New Total
Estimated Cost	\$22,147,557.00 \$0	.00 \$22,147,557.00
Potential Award Fee(s)	\$956,187.00 (\$481,2	292.00) \$474,895.00
Potential Performance Evaluation Fee (60%)	\$573,714.00 (\$280, \$	979.00) \$292,735.00
Potential Metrics Evaluation Fee 40%	\$382,473.00 (\$134, 7	761.00) \$247,712.00
Earned Performance Evaluation Fee	\$228,960.00 \$280, 9	\$509,939.00
Earned Metric Evaluation Fee	\$159,715.00 \$134, 7	\$294,476.00
Total	\$23,492,419.00 (\$65,5	52.00) \$23,426,867.00

(c) Estimated cost and fees applicable to each option period are set forth below:

			<u>Potential</u>	<u>Potential</u>	
Option	Period		<u>Performance</u>	Metrics	Total Option
<u>No.</u>	Covered	Estimated Cost	Evaluation Fee	Evaluation Fee	<u>Value</u>
1	10/01/0109/30/02 *	\$7,863,911.00	\$288,776.00	\$192,516.00	\$8,324,202.00
2	10/01/0209/30/03	\$7,759,318.00	\$284,937.60	\$189,957.40	\$8,234,213.00
3	10/01/0309/30/04	\$7,918,916.00	\$290,796.00	\$193,863.00	\$8,403,575.00
4	10/01/0409/30/05	\$8,010,012.00	\$294,139.00	\$196,092.00	\$8,500,243.00"

- 2. Clause B.3 AWARD FEE FOR SERVICE CONTRACTS (1852.216.76) (MAR 1998), paragraphs (e)1. and 2. are hereby deleted in their entirety and the following is substituted in lieu thereof:
 - "1. Summary of Potential and Earned Performance Evaluation Fee.

Award Fee Period	<u>Origina</u> <u>Amour</u> <u>Availab</u>	_ <u>nt</u> P∈	erformance . Fee Earned	Mod No.
10/01/00 - 03/31/01	\$ 117,54	15.00 \$	111,079.00	Mod 07
04/01/01 - 09/30/01	\$ 122,03	30.00 \$	117,881.00	Mod 15
10/01/01 - 09/30/02	* \$ 288,7	76.00 \$	280,979.00	Mod 28
10/01/02 - 09/30/03	\$ 284,93	37.60		
10/01/03 - 09/30/04	\$ 290,79	6.00		
10/01/04 - 09/30/05	\$ 294,13	39.00		
Total	\$1,393,03	35.60 \$	509,939.00	

2. Summary of Potential and Earned Metrics Evaluation Fee.

10/01/00 00/01/01	Period		<u>Available</u>	Eval	. Fee Earned	Mod No.
0 110 110 1 00 100 10 1	04/01/01 - 09/30/01 10/01/01 - 09/30/02 10/01/02 - 09/30/03 10/01/03 - 09/30/04 10/01/04 - 09/30/05	\$ \$ \$ \$ \$ \$	81,353.00 192,516.00 189,957.00 193,863.00 196,092.00	\$ \$	81,353.00 134,761.00	

- 3. Clause B.5 <u>CONTRACT FUNDING</u>)1852.232-81) (JUN 1990) is hereby deleted in entirety and the following is substituted in lieu thereof:
 - "B.5 CONTRACT FUNDING (1852.232-81) (JUN 1990)
 - (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is \$5,610,285. This allotment is for efforts required under Sections A through J inclusive of this Contract and covers the estimated period of performance from October 1, 2000 through December 27, 2002.
 - (b) An additional amount of \$1,323,975 obligated under this contract for payment of fee.

(c) Recapitulation of funds is as follows:

		<u>Previous</u>	This Award	<u>Total</u>
Estimated Cost	\$1	5,960,473.00	(\$87,618.00)	\$15,872,855.00
Provisional Award Fee	\$	585,112.00	(\$328,211.00)	\$ 256,990.00
Earned Award Fee	\$	388,675.00	\$415,740.00	\$804,415.00
Performance Eval. Fee	\$	228,960.00	\$280,979.00	\$509,939.00
Metrics Eval. Fee	\$	159,715.00	\$134,761.00	\$294,476.00
Total Sum Allotted	\$1	6,934,260.00	\$0.00	\$16,934,260.00

End of Clause)'